IN THE SPECIFICATION

At page 2, please remove lines 5-13.

Please amend page 2, lines 15-22 to read as follows:

--In this ease prior systems, the input signal of the polyphase-filter is multiplexed into N different allpass filters. Therefore, N allpass filters have to be realized with N being the decimation factor of the polyphase filter. This design leads to high realization costs for the polyphase-filter. Also, only a restricted amount of IF-frequencies can be realized with this structure, since the IF-frequencies can only be chosen to $F_{IF} = m \cdot F + L \cdot F/N$ with F being the sampling rate of the filter input signal, L being a natural constant between $\frac{-N-1}{2} \dots \frac{N-1}{2}$ and m being a natural constant.--

At page 2, before line 15, please insert the following:

-- The design of polyphase filters with allpass branch filters is well known in the art.--

At page 2, please remove lines 24-31.

Please amend page 2, lines 33 – page 3, line 4 to read as follows:

--However, all of the above <u>prior</u> IQ-generators are quite restricted in respect to the used Intermediate Frequency (IF) and therewith in respect to possible sampling frequencies of the A/D converter converting the IF signal into a signal suitable for a following digital baseband processing since the output frequency of the generation is fixed according to certain standards

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and the input frequency of the IQ generation (i.e., the IF frequency) strongly depends on the used IQ-filter and the needed output frequency.--

At page 2, before line 33, please insert the following:

--The disadvantage of using switchable allpass filters is that no digital channel suppression/noise shaping can be realized. Furthermore, the IF frequency can only be chosen to be $F_{IF} = m \cdot F \pm (F/4)$ with F being the IQ filter input sampling rate and m being a natural constant.--

At page 3, please remove lines 12-15.

At page 3, please remove lines 27-29.

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IN THE SPECIFCATION

At page 2, before line 1, please remove the word "Description."

At page 2, before line 1, please insert the following:

--FIELD OF THE INVENTION--

At page 2, just before line 5, please insert the following:

--BACKGROUND OF THE INVENTION--

At page 3, just before line 6, please insert the following:

--BRIEF SUMMARY OF THE INVENTION--

At page 4, just before line 11, please insert the following:

--BRIEF DESCRIPTION OF THE DRAWINGS--

At page 4, just before line 32, please insert the following:

-- DETAILED DESCRIPTION OF THE INVENTION --

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